

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application:

Listing of Claims:

1. (Currently amended) A computer system that facilitates free form digital inking, comprising:
a pen-based microprocessor device and an application program,
the application program is recorded on a computer-readable medium and capable of execution by a computer, the application program comprising:
an input device for activating an inking region within a zoom window;
an annotation management component that generates [[a]] the zoom window comprising
[[an]] the inking region for [[a]] an underlying digital document; and
a navigation component that manually and automatically re-positions and re-sizes the zoom window and the inking region relative to the digital document, the re-position and re-size of the zoom window and the inking region occurs at least as an annotation of the digital document is entered in the inking region during an annotation event based at least in part on an amount of annotation information entered and displayed in the inking region, the size of the zoom window corresponds to the size of the inking region.
2. (Previously Presented) The system of claim 1, wherein the annotation management component is invoked to generate the inking region by identifying a point of interest on the digital document by at least one of a manual or an automatic technique.
3. (Previously Presented) The system of claim 1, wherein the inking region is generated in connection with animation that makes it appear the inking region grows out of the digital document.

4. (Previously Presented) The system of claim 1, wherein the inking region is generated to cover a subset of the digital document such that the remaining document can be concurrently viewed.
5. (Previously Presented) The system of claim 1, wherein the inking region magnifies the portion of the digital document within the inking region.
6. (Original) The system of claim 5, wherein the magnification factor is defined such that the user inks at a similar size to document information.
7. (Previously Presented) The system of claim 1, wherein the inking region is closed *via* one of a digital pen, a mouse, a button, or voice activation.
8. (Previously Presented) The system of claim 1, wherein inking within the inking region scales down to a size similar to the text within the digital document when the inking region is closed.
9. (Previously Presented) The system of claim 1, wherein the navigation component employs one or more of a move inking region, a move digital document, or a create space technique to navigate through the digital document.
10. (Previously Presented) The system of claim 9, wherein the move inking region, move digital document and create space techniques are based on a space-scale framework.
11. (Original) The system of claim 10, wherein the space-scale framework defines navigation *via* the following equation: $Z_C = O(1 - \alpha) + S_C\alpha$, wherein Z_C is a zoom center, O is a zoom origin, α is a scaling factor, and S_C is a screen center.
12. (Original) The system of claim 11, wherein the scaling factor is defined by: $\alpha = |Z| / |S|$, wherein $|Z|$ is an absolute value of a zoom region and $|S|$ is an absolute value of a source window.

13. (Previously Presented) The system of claim 1, wherein an orientation of the inking region is determined *via* moving a digital pen across the document in one of a right-to-left, a left-to-right, a top-to-bottom, or a bottom-to-top manner.

14. (Currently amended) A computer-implemented method that provides a zoom window to annotate digital documents with digital ink, comprising:

activating an inking region within the zoom window via an input device;

generating the zoom window comprising ~~[[an]]~~ the inking region to facilitate initiating an annotation event;

scaling contents displayed in the zoom window;

manually and automatically re-positioning and re-sizing, by a pen-based computer system, the zoom window and the inking region relative to at least one underlying digital document, the re-positioning and re-sizing of the zoom window and the inking region occurs at least as annotation of the at least one underlying digital document is entered in the inking region during the annotation event as a function of an amount of annotation information entered and displayed in the inking region, wherein size of the zoom window corresponds to size of the inking region;

positioning the zoom window over an area of interest;

navigating the zoom window after annotating the at least one underlying digital document; and

terminating the annotation event after the annotation information is entered in the inking region.

15. (Currently amended) The method of claim 14 further comprising scaling down ~~[[the]]~~ document contents and the annotations displayed in the zoom window to a size ~~in-line~~ corresponding with ~~[[the]]~~ text in the at least one underlying digital document being annotated.

16. (Currently amended) The method of claim 14 further comprising defining a shape and a location of the zoom window *via* indicating a point in the at least one underlying digital document with at least one of a digital pen, a button, a mouse, or voice activation.
17. (Currently amended) The method of claim 14 further comprising animating generation of the zoom window to create an appearance that the zoom window grows out of the at least one underlying digital document.
18. (Original) The method of claim 14 further comprising employing a space-scale technique to navigate the zoom window.
19. (Currently amended) The method of claim 14 further comprising magnifying the zoom window such that ~~the user can add~~ adding annotations, [[that]] which are similar in size to [[the]] document information displayed within the zoom window, is facilitated.
20. (Currently amended) A computer system that facilitates electronic document annotating, comprising:
- a pen-based microprocessor device;
 - means for activating an inking region within an annotation window;
 - means for generating [[an]] the annotation window comprising [[an]] the inking region for an underlying electronic document;
 - means for defining a location of the annotation window;
 - means for magnifying contents of the annotation window;
 - means for employing the annotation window to annotate the underlying electronic document; and
 - means for manual and automatic re-positioning and re-sizing of the annotation window and the inking region relative to the underlying electronic document, the re-positioning and re-sizing of the annotation window and the inking region occurs at least as an annotation of the underlying electronic document is entered in the inking region during an annotation event based at least in part on a quantity of annotation information entered and displayed in the inking region, wherein size of the annotation window corresponds to size of the inking region.